



PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

| | | |
|--|--|--|
| Applicant's or agent's file reference P14228PCDK | <div style="display: flex; justify-content: space-between;"> FOR FURTHER ACTION See Form PCT/PEA/416 </div> | |
| International application No. PCT/DK2004/000029 | International filing date (<i>day/month/year</i>) 20.01.2004 | Priority date (<i>day/month/year</i>) 20.01.2003 |
| International Patent Classification (IPC) or national classification and IPC B65G19/14 | | |
| Applicant DALTEC AC et al. | | |
| <p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 4 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> <i>sent to the applicant and to the International Bureau</i> a total of sheets, as follows:</p> <p style="margin-left: 40px;"><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p style="margin-left: 40px;"><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> <i>(sent to the International Bureau only)</i> a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> | | |
| <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p> | | |
| Date of submission of the demand 16.08.2004 | Date of completion of this report 23.12.2004 | |
| Name and mailing address of the International preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 | Authorized Officer Sundqvist, S Telephone No. +49 89 2399-2589  | |

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/DK2004/000029

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

Description, Pages

1-5 as published

Claims, Numbers

1-7 as published

Drawings, Sheets

1 as published

☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/figs
- ☐ the sequence listing (*specify*):
- ☐ any table(s) related to sequence listing (*specify*):

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/figs
- ☐ the sequence listing (*specify*):
- ☐ any table(s) related to sequence listing (*specify*):

* If item 4 applies, some or all of these sheets may be marked "superseded."

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/DK2004/000029

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | |
|-------------------------------|-------------|-----|
| Novelty (N) | Yes: Claims | 1-7 |
| | No: Claims | |
| Inventive step (IS) | Yes: Claims | 1-7 |
| | No: Claims | |
| Industrial applicability (IA) | Yes: Claims | 1-7 |
| | No: Claims | |

2. Citations and explanations (Rule 70.7):

see separate sheet

**INTERNATIONAL PRELIMINARY
REPORT ON PATENTABILITY
(SEPARATE SHEET)**

International application No.

PCT/DK2004/000029

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

D1: EP-A-0 659 661
D2: EP-A-0 767 116
D3: US-B-6 229 092

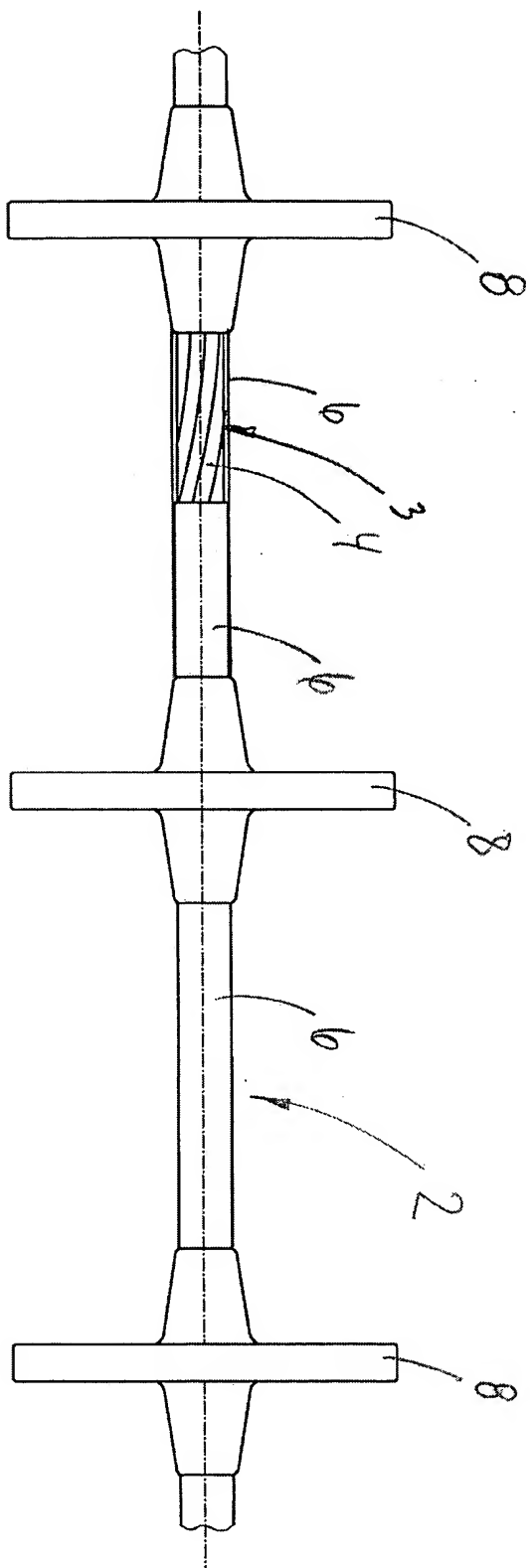
The most pertinent available prior art, D1, cited by the applicant, discloses a conveying wire with disc-shaped conveying members in accordance with the preamble of claim 1. The subject-matter of claim 1 differs from this disclosure by the features defined in the characterising portion (Article 33(2) PCT).

The invention aims at improving the strength of the connection of the disc-shaped members to the conveying wire.

To this purpose the characterising portion of claim 1 defines that the polymer of the outer jacket has a lower melting point than the material of the disc-shaped members. This solution is neither suggested nor rendered obvious by any of the cited documents (Article 33(3) PCT).

The invention can undoubtedly be made and used in the industry (Article 33(4) PCT).

The claims 2 to 7 are dependent on claim 1 and as such satisfy the PCT criteria of novelty, inventive step and industrial applicability.



Nyhedsundersøgelsesrapport

P14228DKOC/NHG/DH

PA 2003 00049

Transportwire

2003-07-31/THG

Klasseundersøgelse

| System | Klasse | Gruppe | DK | FI | NO | SE | DE | GB | FR | EP | WO | US | Bemærkning |
|--------|--------|--------|----|----|----|----|----|----|----|----|----|----|------------|
| | | | | | | | | | | | | | |

Onlineundersøgelse

| Databasevært | Database | Søgeprofil | Dato | Periode |
|--------------|---------------------|---|------------|---------|
| EPOQUE | EPODOC, WPI, PAJ | Kombination af bl.a. 1) ord og synonymer med 2) ECLA-, IPC- og US-klasser, FI-koder 1) plastic, scrape, convey, cable, transport, core, strand, sheath, wire, calling 2) B65G19/14, B65G19/24, B29C45/14H2, B29C45/14L, B29C37/00K, B29C45/14H, 198/716, 198/733 | 2003-07-31 | |

Relevante publikationer

| Kategori | Landekode | Skriftkode | Skrift | Bemærkning |
|----------------------|-----------|------------|-----------|------------|
| Y - relevant teknik | SU | A2 | 1585249 | |
| Y - relevant teknik | DE | A1 | 4020380 | |
| Y - relevant teknik | EP | A1 | 0659661 | |
| Y - relevant teknik | DK | A1 | 199601113 | |
| A - baggrunds teknik | SU | A2 | 373349 | |